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Apterogyninae (Hymenoptera, Bradynobaenidae) of Turkey

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A b s t r a c t : This study is based upon material of subfamily Apterogyninae collected from different localities of Turkey between 1992-2005 and the other related studies on the Apterogyninae (Bradynobaenidae) in Turkey were reviewed. In this study, two species belonged to genus of *Apterogyna* in the subfamily of Apterogyninae are recorded in Turkey. In addition, new localities have been found for *Apteryogyna mlokosewitzi* RADOSZKOWSKI 1880 which have already been reported in Turkey.

K e y w o r d s : Hymenoptera, Bradynobaenidae, Apterogyninae, *Apterogyna*, fauna, Turkey.

Introduction

Bradynobaenidae is a widespread family, predominantly tropical, absent from the Australian region, and containing about 155 species in four subfamilies: Apterogyninae, Bradynobaeninae, Chyphotinae and Typhoctinae. Adults are often fairly densely hairy and, predominantly black, brown, reddish or bicolored, sometimes marked with pale bands. The integument is often extremely thick and hard and the females may have a very powerful sting. Sex associations are very difficult and usually depend on captures in copulo or on correlations of distribution. All species are apparently solitary. Information on a single somewhat atypical species indicates that the larvae are ectoparasitoids of Solifugae (Arachnida), pupation occurring within the shelter of the host (GOULET & HUBNER 1993).

The Apterogyninae species are distributed in Africa, Asia, and a few in South Europe (PAGLIANO 2002). This researcher completed revision of the subfamily Apterogyninae and two species belonged to genus of *Apterogyna* have been recorded from Turkey.

In this study, two species belonged to genus of *Apterogyna* in the subfamily of Apterogyninae are recorded in Turkey. In addition, new localities have been found for *Apteryogyna mlokosewitzi* RADOSZKOWSKI 1880 which have already been reported in Turkey.

The material of the Apterogyninae was collected from different localities of Turkey in 1992-2005. This material is deposited in the Entomology Museum, Erzurum, Turkey (EMET).

Results

In this study, two species of genus of *Apterogyna* belonged to subfamily of Apterogyninae of Bradynobaenidae were reported in Turkey.

Genus *A p t e r o g y n a* LATREILLE 1809

***Apterogyna lateritia* MORAWITZ 1890**

Distribution in Turkey: İçel (Mut, Kalediran) (PAGLIANO 2002).

Distribution in the world: Israel, Macedonia, Turkmenistan and Turkey (PAGLIANO 2002).

***Apterygyna mlokosewitzi* RADOSZKOWSKI 1880**

Material examined: Erzurum: Güngörmez, 2400 m, 28.VII.1996, 2♂♂, Kirkgözeler, 1900 m, 12.VIII.1992, ♂, Palandöken, 2400 m, 13.VII.1994, ♂, 23.VI.1997, ♂, University field, 1850 m, 19.VII.1993, 2♂♂, 15.VIII.1997, ♂, 20.VIII.2005, ♂, Himis, 1750 m, 19.VII.2001, ♂, Oltu, Sütçans, 1500 m, 25.VI.1996, 2♂♂, Olur, 1400 m, 22.VII.1992, ♂, Tortum, 1600 m, 27.VII.1998, ♂, Çataldere, 12.VII.2001, ♂, Pehlivانlı, 1200 m, 12.VII.1992, ♂, Meydanlar, 1900 m, 7.VIII.1996, ♂, 24.VIII.1993, ♂; Kars: Sarıkamış, Karaköy, 1700 m, 22.VII.1997, ♂.

Distribution in Turkey: Konya, Ağrı (Gürbulak) and Hakkari (PAGLIANO 2002).

Distribution in the world: Lebanon, Morocco, Syria, Turkey, Algeria, Armenia, Uzbekistan and Israel (PAGLIANO 2002).

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Zusammenfassung

Vorliegende Arbeit behandelt das Vorkommen der beiden *Apterogyna*-Arten (Apterogyninae, (Bradynobaenidae) in der Türkei. Aufsammlungen aus verschiedenen Gebieten der Türkei im Zeitraum 1992-2005 und aufbewahrt im Entomology Museum, Erzurum, Turkey (EMET) bildeten die Grundlage der Studie.

References

- GOULET H. & J.T. HUBNER (ed.) (1993): Hymenoptera of the world: An identification guide to families. — Research Branch Agriculture Canada Publication 1894/E, Ottawa: 1-668.
PAGLIANO G. (2002): Revisione della sottotribù Apterogyninae (Hymenoptera: Bradynobaenidae). — Museo Regionale di Scienze Naturali, Torino: 1-387.

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